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FROM TREE TO PAPER



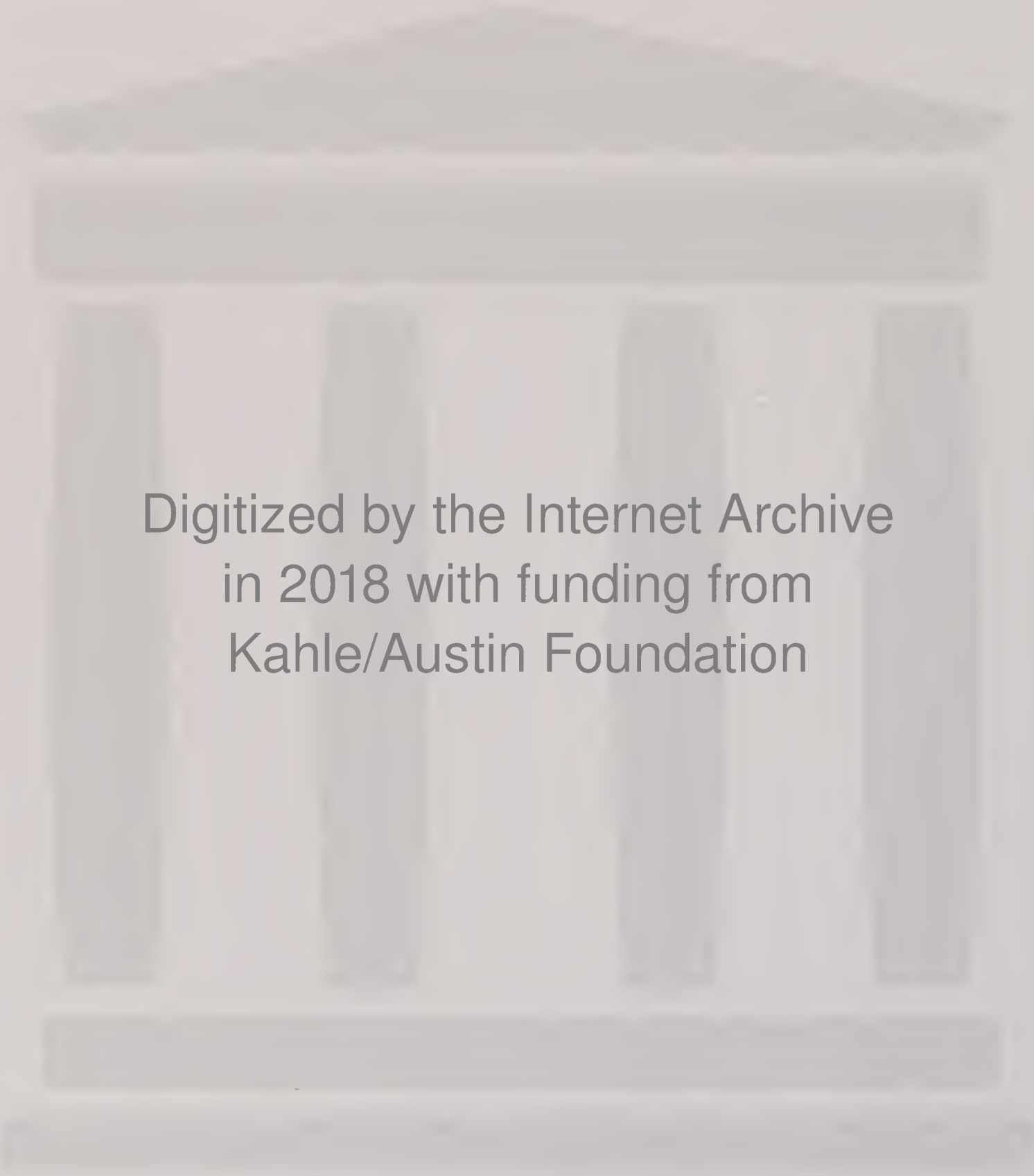
BY PAM MARSHALL



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FROM TREE TO PAPER



by Pam Marshall

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We use paper every day.

How is it made?

Workers plant trees.

Most paper comes from trees.
Workers plant some trees just for
making paper. It takes many
years for a tree to get big.



Workers cut the trees.

Workers cut down tall, thick trees. They chop off the branches to make logs. Trucks take the logs to a **paper mill**. A paper mill is a place where paper is made.



A machine takes off bark.

A paper mill is full of machines.
The first machine takes bark off
the logs.



The logs are chopped.

A big machine called a **chipper** crushes and grinds the logs. The logs break apart into tiny chips of wood.



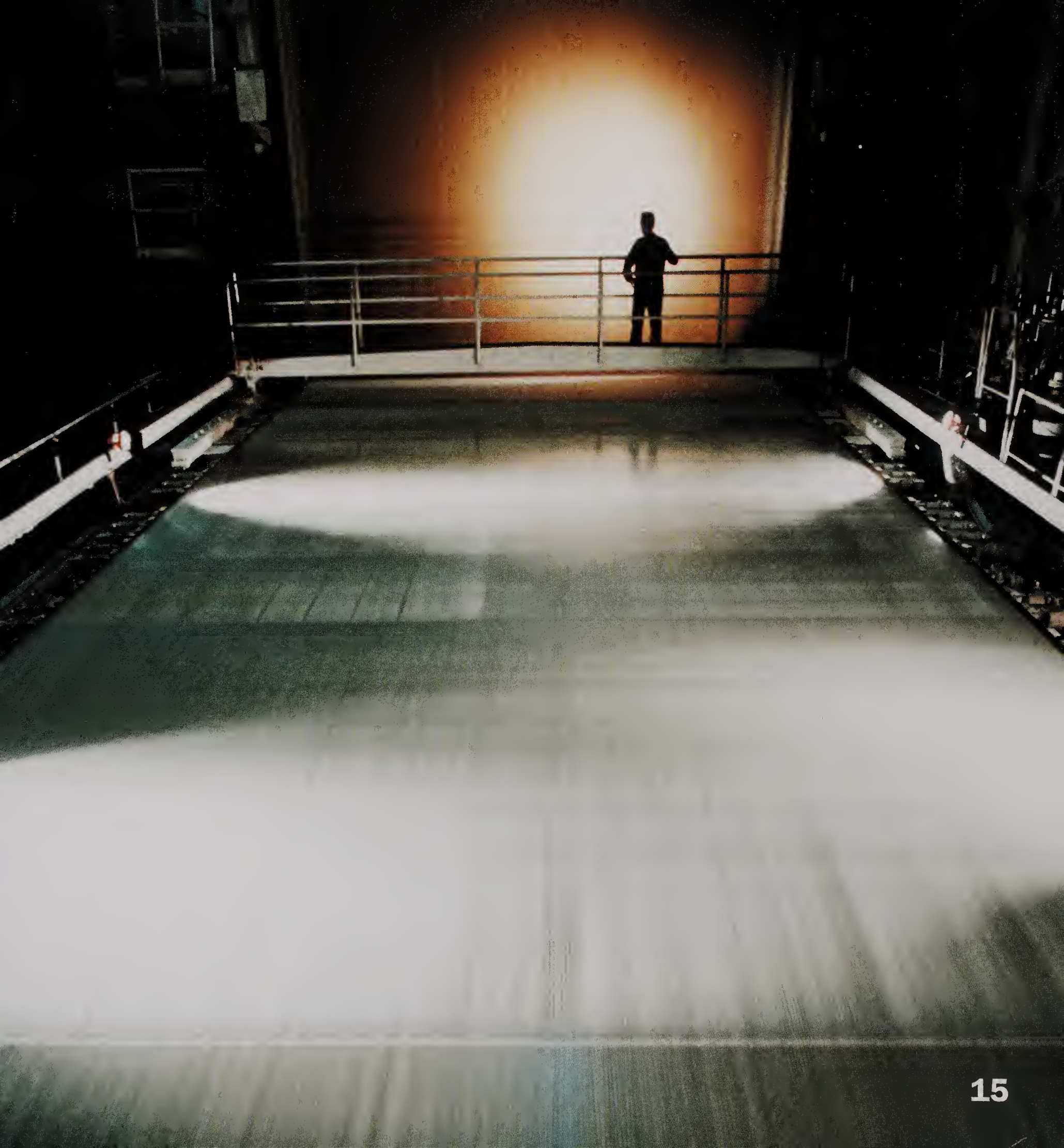
The wood is washed.

Other machines wash and smash the wood chips. **Pulp** pours out. Pulp is a wet, lumpy mix of ground-up wood and water.



Water drips down.

The wet pulp pours onto a screen. The screen lets the water drip down. Long, thin threads of wood called **fibers** stay on top. The wet fibers make a long piece of paper.



The paper is dried.

Heavy rollers squeeze more water out of the paper. Then hot rollers and ovens dry the paper.



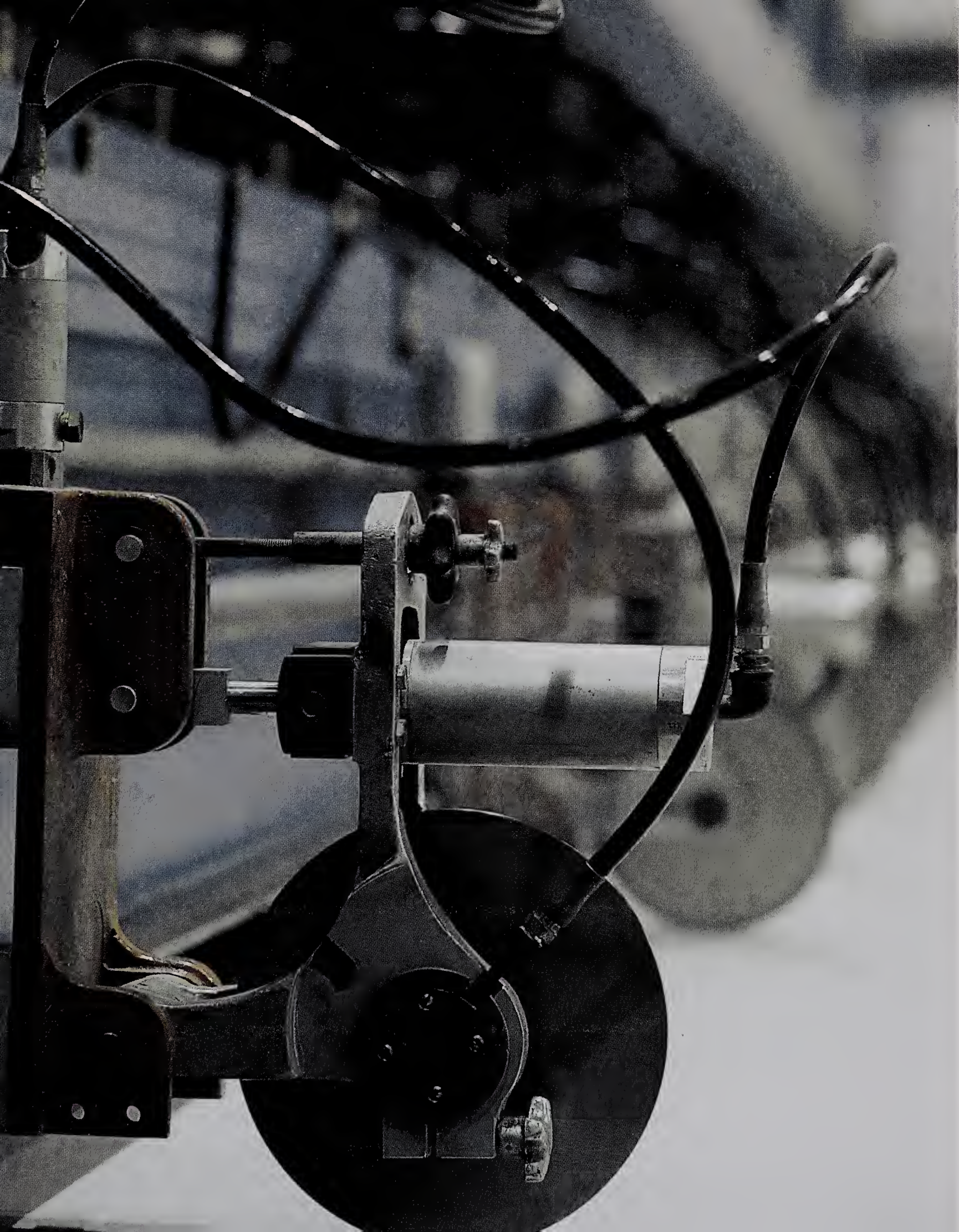
The paper is rolled.

Machines wrap the dry paper onto huge rolls. The rolls are as tall as a grown-up person.



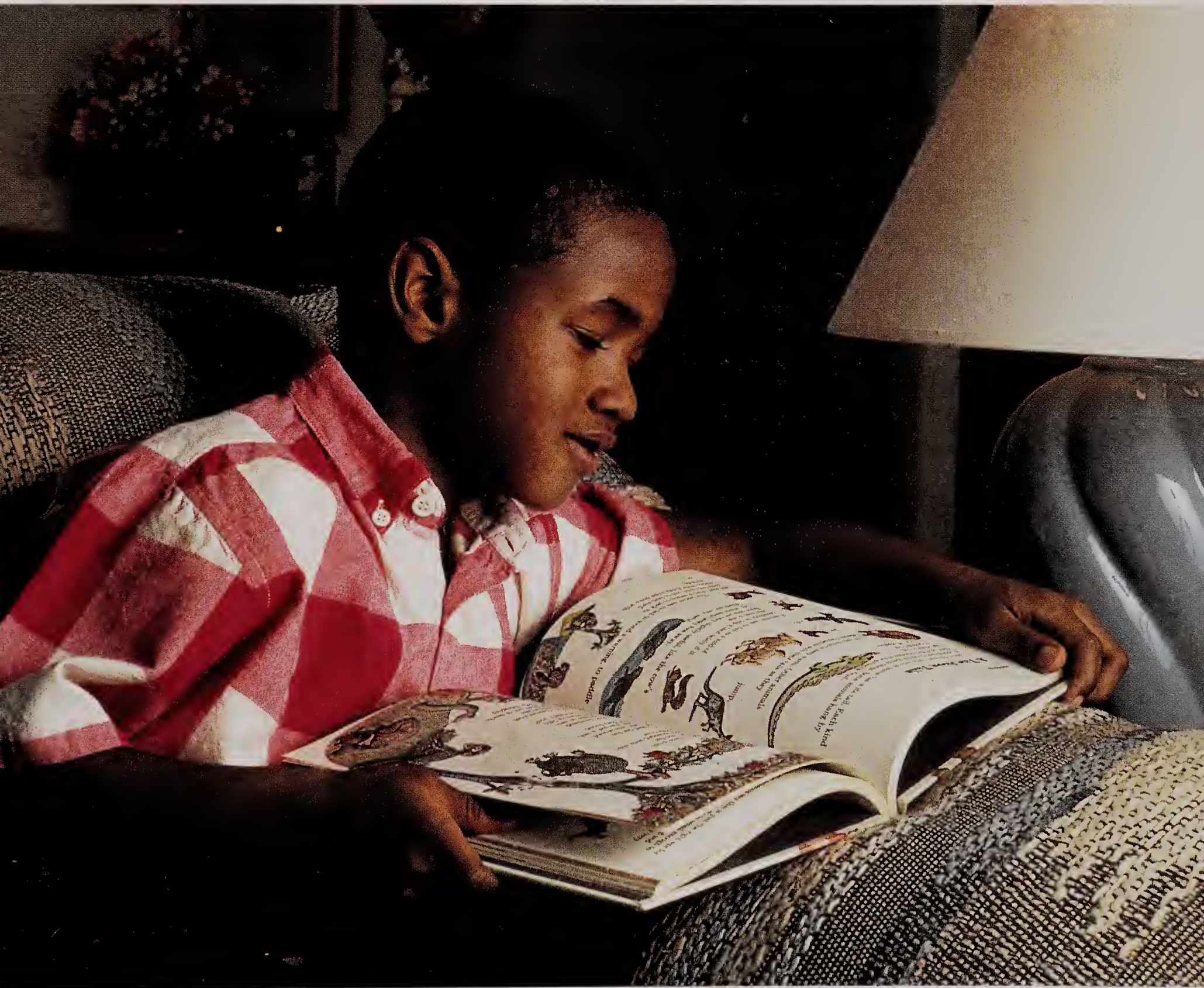
The paper is cut.

The paper is too big to be used. Workers feed it into machines that cut it. Some of the finished paper is sent to stores. Some is sent to factories for printing.



Read all about it!

Grab a newspaper, a comic book,
or a magazine. All are made from
paper, even this book!



Glossary

chipper (CHIP-ur): a machine that chops logs into wood chips

fibers (FYE-burz): long, thin threads of wood

paper mill (PAY-pur MILL): a place where paper is made

pulp (PUHLP): a mix of water and ground-up wood

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HOW IS PAPER MADE?

- 1 Workers plant trees.
- 2 Workers cut the trees.
- 3 A machine takes off bark.

What happens next? Read this book to find out!

Discover how one thing becomes another—from Start to Finish:

From Cane to Sugar
From Cement to Bridge
From Cloth to American Flag
From Cocoa Bean to Chocolate
From Cotton to T-Shirt
From Egg to Butterfly
From Egg to Chicken
From Flower to Honey
From Foal to Horse
From Fruit to Jelly

From Grass to Milk
From Idea to Book
From Iron to Car
From Metal to Airplane
From Milk to Cheese
From Milk to Ice Cream
From Oil to Gas
From Peanut to Peanut Butter
From Rock to Road
From Sand to Glass

From Sea to Salt
From Sheep to Sweater
From Shoot to Apple
From Tadpole to Frog
From Tree to House
From Tree to Paper
From Tree to Table
From Wax to Crayon
From Wheat to Bread